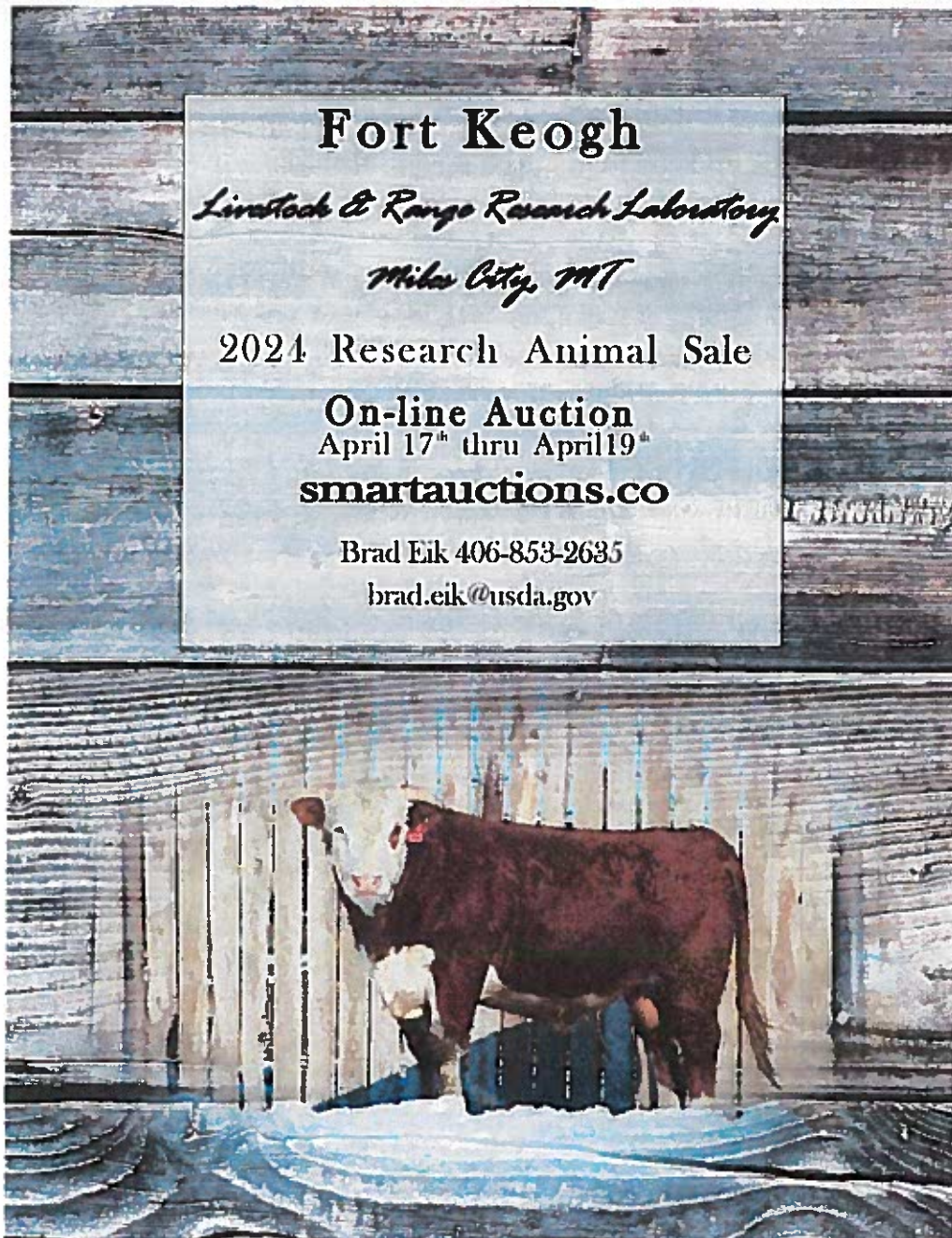


USDA-ARS Fort Keogh
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Fort Keogh

Livestock & Range Research Laboratory

Miles City, MT

2024 Research Animal Sale

On-line Auction

April 17th thru April 19th

smartauctions.co

Brad Eik 406-853-2635

brad.eik@usda.gov

Greetings L1 Nation

We will again be having an online sale this year through Smart Auctions. This option has served our needs and simplified the sale for us here. I would like to ask for customer input about your feelings of us going back to a live auction. Our numbers are back to the point we can make that option sustainable again. I would just like to collect some customer feedback on the matter.

Bull videos and photos will be available for viewing on smartauctions.co. The sale will open Wednesday **April 17th** and close **Friday April 19th**. Please register with them to bid, and once the auction is complete make payment by either sending a check or using a credit card. Remember at the end of the auction the highest bid wins; be sure to check the lots before they close, and you must periodically refresh your web browser to keep the bids updated to the most recent. Bidding will be open three days so don't worry about forgetting the day or the time and missing out.

We are offering 30 excellent two-year-old bulls, along with a few heifer calves, and an undecided number of younger cows that will be tested and ready to breed this spring. The bulls are here like always; please stop in anytime you're in the area. The cows are close for viewing also.

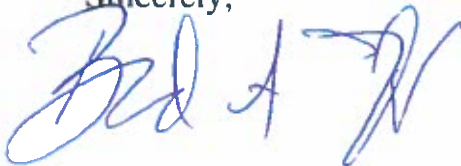
Our ET project continues to improve, as this year we left 10 head of our best proven 9- and 10-year-old cows open to flush this fall and spring. We anticipate great things from these donors. Transova will be helping us with the work.

If you have L1 semen, embryos, or cattle to flush, we have had several of these items donated back. Even a couple proven cows donated to the project.

I will help with delivery as much as I can on purchases so don't miss out.

I look forward to putting these bulls to work all over the country, from the original source for L1 genetics.

Sincerely,



Brad Eik
Ranch Manager

2 year old Line 1 Bulls

Tag #	Birth Date	Dam	Sire	BW	Spring/Yr1			Spring			CE (%)	BFI (lb)	VWV (lb)	YVY (lb)	D*SI (lbs)	SC (ct)
					WW	WT	weigh date	age	spring	age						
22740	3/19/2022	20200266	20190102	93	536	740	3/29/2023	375	4.1	2.6	44	75	0.2	0.8		
22747	3/31/2022	20200292	20190106	89	484	699	3/29/2023	363	4.2	2.3	38	65	-0.1	0.7		
22748	3/31/2022	20200307	20190068	82	526	763	3/29/2023	363	2.7	2.2	43	75	0.3	0.8		
22749	3/31/2022	20200312	20190068	78	500	664	3/29/2023	363	12.2	-1.3	36	61	-0.1	1		
22750	3/31/2022	20200249	20190068	86	472	620	3/29/2023	363	5.2	2	43	69	0.1	0.9		
22751	4/1/2022	20180741	19533159	100	588	810	3/29/2023	362	0	3.3	40	63	-0.1	0.6		
22754	4/2/2022	20200298	20190106	80	504	690	3/29/2023	361	4.4	1.3	38	63	0.1	0.7		
22761	4/6/2022	20200302	20190106	83	516	680	3/29/2023	357	2.8	1.9	38	64	0	0.6		
22762	4/6/2022	20200293	20190106	76	514	710	3/29/2023	357	4.5	0.9	40	67	0.2	0.9		
22763	4/7/2022	20200272	20190102	88	504	722	3/29/2023	356	5.1	2.4	42	71	0	0.9		
22765	4/8/2022	20200210	20190102	102	608	754	3/29/2023	355	6.3	2.9	46	77	0.2	0.9		
22769	4/9/2022	20130216	20190081	90	528	726	3/29/2023	354	9.5	1.8	41	68	0.1	1		
22771	4/10/2022	20170512	20190060	94	504	675	3/29/2023	353	6.3	2.4	34	62	-0.2	0.6		
22772	4/10/2022	20200316	20190068	92	484	628	3/29/2023	353	8.3	0.6	40	65	0.1	0.8		
22780	4/14/2022	20060486	20050516	102	500	708	3/29/2023	349	1.8	3.9	46	79	0.1	0.4		
22784	4/15/2022	20170455	20180795	90	534	737	3/29/2023	348	2.7	3	46	75	0.2	1.1		
22787	4/16/2022	20170387	20180795	89	476	645	3/29/2023	347	6.1	2.3	42	66	0.1	1.1		
22790	4/17/2022	20160114	20190087	90	540	715	3/29/2023	346	7.1	1.1	42	67	0.1	0.6		
22795	4/19/2022	20180775	20180795	88	502	661	3/29/2023	344	3	2.4	45	67	0.1	0.9		
22800	4/21/2022	20160055	20190087	88	522	733	3/29/2023	342	6.3	2	41	71	0.2	0.8		
22801	4/21/2022	20180813	20190081	102	502	629	3/29/2023	342	6.2	2	42	67	0.1	0.8		
22803	4/22/2022	20160043	20190081	106	518	723	3/29/2023	341	4.8	2.5	42	69	0.1	0.8		
22805	4/22/2022	20150208	20190081	90	544	732	3/29/2023	341	4.9	3.3	43	77	0.1	1		
22811	4/26/2022	20140070	20180795	87	508	650	3/29/2023	337	1.9	2.5	44	66	0.1	0.9		
22813	4/30/2022	20170437	20190087	106	460	665	3/29/2023	333	3	2.7	44	75	0.2	0.5		
22814	5/1/2022	20120461	20190081	106	490	622	3/29/2023	332	4.4	2.9	47	79	0.2	0.9		
22817	5/5/2022	20180846	20190081	96	484	683	3/29/2023	328	7.5	1.2	41	66	0.1	1.1		
22818	5/5/2022	20150179	20190087	102	510	679	3/29/2023	328	4.9	1.9	44	75	0.3	0.8		
22823	5/11/2022	20150175	20190060	88	484	615	3/29/2023	322	1.8	2.8	38	74	0	0.7		
22824	5/14/2022	20150135	20180795	78	436	612	3/29/2023	319	9.5	1.3	39	67	0	1		

SCF (%)	MM (lb)	MG (lb)	MCE (%)	MCW (lb)	UDDR (%)	TEAT (%)	CW (lb)	FAT (in)	REA (sq.in)	MARB (deg)	BMI (\$)	BII (\$)	CHB (\$)	Tag #
13.1	21	44	-1.1	63	1.15	1.15	52	0.031	0.25	0.06	272	328	85	22740
13.7	17	37	-1.5	58	1.15	1.15	51	0.036	0.24	0.13	289	344	96	22747
12.3	19	40	-2.1	68	1.05	1.05	47	0.027	0.15	0.18	259	321	89	22748
12.2	24	42	3	64	1.1	1.1	49	0.037	0.21	0.24	271	330	103	22749
13	20	42	-1.7	61	1.05	1.05	48	0.022	0.15	0.17	273	336	92	22750
12.3	17	37	-2.7	50	1.1	1.1	42	0.002	0.12	0.06	252	304	75	22751
13.7	21	40	-0.6	52	1.15	1.15	50	0.037	0.21	0.11	280	334	86	22754
14	18	37	-2.9	57	1.2	1.2	49	0.032	0.22	0.11	286	341	88	22761
13.2	19	39	-2.8	62	1.25	1.25	57	0.027	0.32	0.12	281	337	97	22762
14.3	19	40	-4.1	63	1.2	1.2	49	0.037	0.18	0.1	290	348	87	22763
13	21	44	2.2	51	1.2	1.15	56	0.032	0.3	0.06	275	332	91	22765
15.9	17	37	6.8	45	1.1	1.1	52	0.032	0.22	0.13	317	377	95	22769
15.6	16	33	3.3	48	1.25	1.25	45	0.017	0.16	0.13	311	363	93	22771
10.7	23	43	1.6	60	1.1	1.1	49	0.027	0.23	0.27	247	311	102	22772
10.5	22	45	-1.1	71	1.15	1.15	53	0.062	0.26	0.38	258	335	119	22780
17.9	23	45	-2.6	55	1.2	1.3	52	0.022	0.25	0.12	346	411	91	22784
19.6	22	43	0.7	29	1.2	1.2	49	0.012	0.22	0.16	370	435	93	22787
12.5	23	44	0.6	51	1.15	1.15	58	0.032	0.34	0.11	274	331	98	22790
16.2	24	47	-1.6	50	1.2	1.3	55	0.012	0.3	0.12	326	389	94	22795
12.6	21	41	0.5	40	1.1	1.05	55	0.042	0.26	0.17	271	332	100	22800
12.7	21	42	-1.5	59	1.15	1.1	49	0.022	0.16	0.1	266	322	85	22801
11.9	20	40	-3.1	51	1.1	1.05	49	0.017	0.15	0.08	251	306	84	22803
12.4	22	43	0.6	62	1.15	1.15	52	0.032	0.2	0.11	266	325	93	22805
18.4	23	45	1	58	1.2	1.3	52	0.002	0.19	0.13	357	421	92	22811
13.5	15	37	-3.2	56	1.1	1.1	54	0.032	0.28	0.13	283	344	96	22813
13.7	18	41	0.3	64	1.1	1.1	52	0.017	0.18	0.04	278	336	84	22814
11.1	20	40	0	56	1.15	1.1	49	0.022	0.15	0.11	240	296	86	22817
13.4	23	45	-1.9	44	1.05	1	58	0.037	0.35	0.16	286	348	101	22818
14.6	19	38	0.4	61	1.2	1.15	47	0.017	0.14	0.03	292	341	85	22823
16.2	24	44	1.8	39	1.1	1.2	52	0.022	0.21	0.22	327	392	105	22824

Line 1 Cows

Cow tag	Reg no	Birthdate	CE (%)	BW (lb)	WW (lb)	YW (lb)	DMI (lbs)	SC (cm)	SCF (%)	MM (lb)	MG (lb)
20217	44211038	3/27/2020	8.6	1.1	41	70	0.3	0.5	14.5	21	41
20237	44210929	4/5/2020	12.6	0.9	38	68	0.1	1	15	16	35
20245	44210925	4/7/2020	8.5	1.2	43	74	0.4	1	17.1	14	36
20249	44210942	4/8/2020	2	3.6	45	70	0.1	0.8	14.6	16	39
20266	44210950	4/15/2020	-2.1	4.5	48	81	0.3	0.6	12.4	22	46
20280	44211028	4/19/2020	4.4	2.7	44	72	0.2	0.9	18	24	46
20286	44210935	4/20/2020	7.7	0.5	35	66	0.2	0.7	15.1	19	37
20298	44210927	4/24/2020	4.6	1.5	39	66	0.2	0.9	13.3	20	39
20303	44210963	4/26/2020	9.9	-0.1	33	58	-0.1	0.8	13.8	18	34
21445	44336092	4/14/2021	7.1	1	44	79	0.5	1	14.7	15	38
21478	44336150	4/25/2021	9.2	0.8	41	69	0.4	1	15.7	12	33
22744		3/29/2022	11.1	1.4	42	70	0.2	1	13.4	18	39
22745		3/30/2022	6.4	1.6	43	71	0.1	1	14.7	24	45
22746		3/30/2022	10.5	0.7	39	68	0.1	1	13.2	20	40
22760		4/5/2022	9.2	0.9	40	67	0.1	0.8	12.1	22	42
22768		4/9/2022	7.5	1.6	43	73	0.3	0.8	14.9	18	39
22783		4/15/2022	6.3	2.4	43	73	0.2	0.7	13.2	19	40

MCE (%)	MCW (lb)	UDDR (%)	TEAT (%)	CW (lb)	FAT (in)	REA (sq.in)	MARB (deg.)	BMI (\$)	BII (\$)	CHB (\$)	Cow tag
2.8	53	1.2	1.2	48	0.032	0.24	0.18	290	353	89	20217
2.6	58	1.2	1.2	43	0.032	0.14	0.19	296	356	89	20237
6.3	51	1.2	1.2	50	0.042	0.2	0.16	323	387	86	20245
-3.8	60	1.1	1.1	46	0.022	0.12	0.07	288	347	78	20249
-2.3	70	1.1	1.1	50	0.022	0.21	0.01	255	311	74	20266
2.2	50	1.3	1.4	52	0.022	0.22	0.15	349	415	95	20280
2.7	57	1.3	1.3	42	0.022	0.09	0.1	290	342	78	20286
-0.1	47	1.1	1.1	40	0.042	0.02	0.13	258	315	72	20298
0.6	61	1.3	1.2	42	0.042	0.08	0.2	280	336	89	20303
3.6	66	1.3	1.3	56	0.022	0.23	0.07	293	351	88	21445
1.3	44	1.2	1.2	54	0.022	0.28	0.16	309	370	94	21478
4.8	62	1.25	1.2	59	0.042	0.36	0.14	287	347	101	22744
1.4	56	1.15	1.2	51	0.022	0.2	0.21	304	370	100	22745
1.6	60	1.1	1.1	47	0.027	0.16	0.23	277	340	97	22746
1.8	60	1.1	1.1	49	0.027	0.24	0.23	264	326	99	22760
1.7	45	1.15	1.15	56	0.032	0.34	0.19	306	371	101	22768
-0.1	44	1.15	1.15	54	0.032	0.27	0.16	279	340	98	22783